

# DCNXA - IMPLEMENTING CISCO NEXUS 9000 SWITCHES IN NX-OS MODE V1.0

Course Code: 821400

The Implementing Cisco Nexus 9000 Switches in NX-OS Mode - Advanced (DCNXA) course provides advanced training in applying and managing the Cisco Nexus® 9000 Series Switches in NX-OS mode.

The Cisco® NX-OS platform deploys Virtual Extensible LAN (VXLAN) and Ethernet VPN (EVPN) using Cisco Data Center Network Manager (DCNM), implements Multi-Site VXLAN EVPN, and integrates L4-L7 services into the fabric providing external connectivity, utilizing advanced tenant features. You will also learn how to implement Cisco NX-OS Enhanced Policy-Based Redirect (ePBR) and Intelligent Traffic Director (ITD) features.

## What You'll Learn

After completing this course you should be able to:

- Configure VXLAN EVPN in a single site using Cisco DCNM
- Configure a Multi-Site VXLAN EVPN
- Configure L4-L7 service redirection
- Configure external connectivity from a VXLAN EVPN
- Configure tenant-level features and Tenant-Routed Multicast (TRM) in VXLAN EVPN
- Configure Cisco NX-OS Enhanced Policy-Based Redirect (ePBR) and Intelligent Traffic Director (ITD)

## Who Needs to Attend

IT professionals interested in understanding the capabilities of Cisco Nexus 9000 Series Switches

## Prerequisites

Attendees should meet the following prerequisites:

- Basic knowledge in the following areas can help you get the most from this course:
  - Networking protocols, routing, and switching
  - General Cisco data center technologies
  - Virtualization fundamentals
  - Cisco Nexus platform management

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